

Converting Colors

CIELCh(34, 62.954, 345.441)

Have a look what the booklet for
CIELCh(34, 62.954, 345.441)
contains.

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Color

CIELCh(34, 62.758, 345.493)

Conversions

Conversions Part 1

Format	Color
Hex	9A036A
RGB	154, 3, 106
RGB Percent	60%, 1%, 42%
CMY	0.3948, 0.9891, 0.5832
CMYK	0.00, 0.98, 0.31, 0.39
HSL	319°, 96%, 31%
HSV	319°, 98%, 61%
XYZ	16.0343, 8.0082, 14.4127
YIQ	59.8910, 56.9330, 64.0450

Conversions

Conversions Part 2

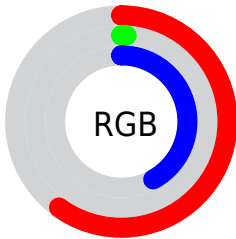
Format	Color
RYB	154, 3, 106
Decimal	10093418
CIELab	34.00, 60.76, -15.72
CIElCh	34, 62.758, 345.493
Yxy	8.0082, 0.4170, 0.2082
Android (android.graphics.Color)	4288283498 (0xFF9A036A)
YUV	59.8910, 22.7317, 82.5336
Hunter-Lab	28.2988, 51.6165, -10.3876

Details

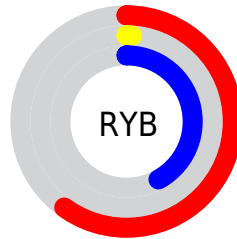
The CIELCh color $[34, 62.758, 345.493]$ is a dark color, and the websafe version is hex 990066 . A complement of this color would be $[56, 70.732, 142.291]$, and the grayscale version is $[25, 0.004, 296.813]$.

A 20% lighter version of the original color is $[54, 62.295, 345.621]$, and $[20, 43.884, 350.742]$ is the 20% darker color. If you saturate the color by 10%, you get $[34, 62.940, 345.830]$, and if you desaturate by 10%, it is $[35, 61.555, 343.660]$.

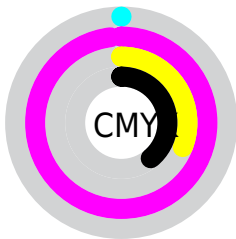
Distribution



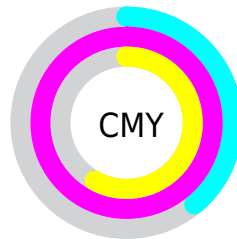
- Red (60%)
- Green (1%)
- Blue (42%)



- Red (60%)
- Yellow (1%)
- Blue (42%)



- Cyan (0%)
- Magenta (98%)
- Yellow (31%)
- Black (39%)




- Cyan (39%)
- Magenta (99%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 62.758, 345.493 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 34, 62.758, 345.493 by changing the saturation by 10% instead.


 34, 62.758,
345.493

 34, 62.758,
345.493

 100, 62.758,
345.493

 24, 62.758,
345.493

 54, 62.758,
345.493

 14, 62.758,
345.493

 64, 62.758,
345.493

 4, 62.758, 345.493

 74, 62.758,
345.493

 0, 62.758, 345.493

 84, 62.758,
345.493

 94, 62.758,
345.493

■ 34, 62.758,
345.493

■ 34, 62.758,
345.493

■ 34, 62.940,
345.830

■ 35, 61.555,
343.660

■ 37, 58.700,
342.113

■ 39, 54.037,
340.817

■ 41, 47.860,
339.701

■ 45, 40.563,
338.714

■ 48, 32.534,
337.821

■ 52, 24.102,
336.999

■ 56, 15.514,

336.231

■ 60, 6.943, 335.495

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34, 62.758, 345.493



56, 70.732, 142.291

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34, 62.758, 345.493



34, 62.758, 35.493



34, 62.758, 165.493



34, 62.758, 215.493

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34, 62.755, 345.494



66, 30.794, 337.108



20, 87.878, 308.648



33, 21.279, 337.432



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34, 62.755, 345.494



45, 76.388, 346.301



32, 63.218, 29.054



30, 4.755, 335.570



30, 58.789, 345.635



1, 5.060, 335.457

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34, 62.755, 345.494



45, 76.388, 346.301



57, 41.407, 173.121



30, 4.755, 335.570



30, 58.789, 345.635



1, 5.060, 335.457

Previews

White Background



This preview shows how the CIELCh color 34, 62.758, 345.493 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 34, 62.758, 345.493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

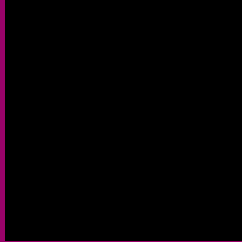
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 34, 62.758, 345.493

Background



This preview shows how black text looks on a background with the CIELCh color 34, 62.758, 345.493.



This preview shows how white text looks on a background with the CIELCh color 34, 62.758, 345.493.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34, 62.612, 345.524

Protanopia

35, 44.964, 286.741

Deuteranopia

35, 11.283, 296.061



Tritanopia
35, 51.484, 29.335

Trichromacy



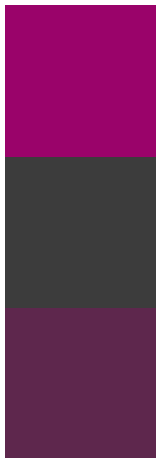
Original Color
34, 62.612, 345.524

Protanomaly
30, 53.212, 309.465

Deuteranomaly
31, 36.857, 330.953

Tritanomaly
34, 52.616, 10.308

Monochromacy



Original Color
34, 62.612, 345.524

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 32.428, 339.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 62.758, 345.493 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(154, 3, 106)` looks like.

```
.text, #text, p{  
    color:rgb(154, 3, 106)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(154, 3, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 3, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 62.758, 345.493 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(154, 3, 106) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(154, 3, 106) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(154, 3, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 3, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 3, 106);  
box-shadow:4px 4px 4px 4px rgb(154, 3,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 62.758, 345.493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 3, 106) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(154, 3,  
106) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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